

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Qu et al.

To Be Assigned

Serial No.:

10/623,044

Group Art Unit:

Examiner:

1712

Filed:

07/18/2003

\$\text{\$\phi\$} \text{\$\phi\$} \

Title: Method of Reclaiming Brine

Solutions Using an Organic

Chelant

Attorney Docket No. 020569-02600

MAIL STOP DD Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Sir:

In accordance with 37 C.F.R. §§ 1.56 and 1.97, Applicant hereby submits the following references to the attention of the Examiner:

U.S. PATENTS:

US 2002/0130090A1	5,449,822	5,821,215
5,177,243	5,536,452	5,837,644
5,191,081	5,587,022	5,869,441
5,191,106	5,688,981	5,962,717
5,250,728	5,728,733	
5,284,972	5,801,139	

OTHER REFERENCES

The Merck Index, p. 8531, 1989 Hampshire, 09/2000, Product information: Hampshire N-acyl ED3A anionic chelating surfactants Foxenberg, W.E., Society of Petroleum Engineers (SPE), 24784, Oct. 1992, Optimizing the quality of high-density brines for maximum performance and economic value, Budavari, S., ed., 10/1992

Bridges, Reclamation and/or disposal of used fluids and environmental considerations, 2000

Citation of these references should not be construed as an admission that they constitute prior art of the claimed invention.

Respectfully submitted,

Dated: /// 06, 2003

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CERTIFICATE OF MAILING UNDER 37 CFR 1.8

I hereby certify that the above referenced documents are being deposited, under 37 CFR 1.8, with the United States Postal Service as First Class Mail in an envelope addressed to: MAIL STOP DD, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on this the

day of Janemy, 2003.

Jana Walraven



U.S. DEPARTMENT OF COMMERCE
.---. Patent and Trademark Office

ATTORNEY'S DOCKET NUMBER	SERIAL NUMBER
020569-02600	10/623,044
APPLICANT Qu et al.	
FILING DATE 07/18/2003	GROUP ART UNIT
0//10/2003	•··• -

FORMATION DISCLOSURE STATEMENT

(Use Several Sheets if Necessary)

U.S. PATENT DOCUMENTS						
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	US 2002/0130090 A1	09/19/2002	Symens et al.			
	5,177,243	01/05/1993	Parker			
	5,191,081	03/02/1993	Parker			
	5,191,106	03/02/1993	Parker			
	5,250,728	10/05/1993	Parker et al.			
	5,284,972	02/08/1994	Parker et al.			
	5,449,822	09/12/1995	Parker et al.			
	5,536,452	07/16/1996	Black			
	5,587,022	12/24/1996	Black			
	5,688,981	11/18/1997	Nonomura			
	5,728,733	03/17/1998	Ptchelintsev			
	5,801,139	09/01/1998	Fair et al.			
	5,821,215	10/13/1998	Crudden et al.			
	5,837,644	11/17/1998	Nakanishi et al.			
	5,869,441	02/09/1999	Fair et al.			
	5,962,717	10/05/1999	Nonomura et al.			

	FOREIGN	PATENT DOCU	MENTS			
DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANS YES	N
	DATE	COUNTRY	CLASS		YES	+

1	The Merck Index, p. 8531, 1	989	
	Hampshire, 09/2000, Produc	t information: Hampshire N-acyl ED3A anionic chelating surfactants	
		Petroleum Engineers (SPE), 24784, Oct. 1992, Optimizing the quality ximum performance and economic value, Budavari, S., ed., 10/1992	
	Bridges, K.L., Completion and Workover Fluids, Reclamation and/or disposal of used fluids environmental considerations, 2000		
EXAMINER		DATE CONSIDERED	

EXAMINER: Initial if citation considered, whether or not citation is in conformance withMPEP § 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the patent owner.